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JUN-608-62

5 October 1862

MEMORANDUM FOR: Assistant for Coordination/DCI

SUBJECT:

Scientific and Technical Intelligence-Ceneral

REPERRICE:

(a) AC/DCI Memorandum dated 27 August 1962

(b) USIB-D-34.4/3, dated 6 August 1962

1. We have set forth below the manpower and cost estimates with respect to specific recommendations in Attachment B to USIB-D-34.4/3 as requested in your memorandum of 27 August 1962. Comments on implementation are included where appropriate.

Recommendation A - A careful review of all Government sponsored machine translation efforts has been made and a new coordinated program of research has been developed. The present proposals should considerably accelerate progress toward a practical machine translation capability responsive to priority needs of the Government. CIA has committed money to phase out its machine translation program at of FY 1963 25X1A . As a partner with the Department of Defense and the National Science Foundation, who have proposed establishment of a joint automatic language process center, CIA will be asked to furnish about to this project during FY 1963. Funds were provided in the PY 1963 budget in the event the Agency should choose to support this request. Funding plans for all anown U. S. Government sponsored machine translation research during PY 1963 has been estimated informally by DOD/DDRAG at slightly over mental Proposals for Agency financial support of machine translation beyond FY 1963 may approach year but only is called for in the FY 1964 budget **୭**₩₹ 25X1A and additional funds would have to come from other sources. The number of persons to be involved in machine translation and research over and above those provided for in the funds

discussed above cannot be accurately established at this time

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but should not be mmerous.

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- additional would essentially double the in-house exploitation of Soviet Bloc scientific and technical literature and is a workable figure considering translators available, value of intelligence, etc. The determination as to whother or not these funds should be allocated has not been made to date. The Diffice of Scientific Intelligence, as a major consumer of such information, supports as accelerated program and is able to utilize the increased output without additional requirements for funds or manpower.
- d. Recommendation C The Office of Operations is requesting the Chairmen of the Scientific Intelligence Committee, the Guided Missile and Astronautics Intelligence Committee and the Joint Atomic Energy Intelligence Committee for a listing of technical subjects which could be the basis for expansion, and better exploitation of Project sources. It is anticipated that modifying and expanding the project as recommended will require the following additional personnel and funds: Professional 1 GS-11, 1 GS-18, 1 GS-14, 1 Clerk Typist GS-5/6; Operating Expanses \$15,000; Training \$5,000; Travel \$19,000; Total \$35,000; Balaries \$36,500; Grand Total \$75,000.
- for acquiring and exploiting of acquire Bloc material are awaiting the compilation of an appropriate manual in the DIA and certain internal realignments being considered within that agency. Further coordination between the DIA and CIA will be inaugurated when these actions are completed. Significant expenditure of additional funds or manpover as a result of any changes in operating procedures which may be made is not anticipated.
- 5. Ecommondation B CIA concurs in the recommendation to increase its program for the clandestine collection of SMT information. Increases in personnel and funds over the present small allocation for this purpose have already been authorized for FY 1963 and still additional increases planted for FY 1964. These increases will approximately double the Meadquarters complement designated to plan, develop and support agent scientific operations and approximately triple the funds allocated to this unit. The intend to absorb those increases. The various offices of the BD/1 will assist in the execution of a sound long range the program for the ' collection of 32T infor-These offices do not anticipate a requirement for additional funds or manpower at this time for the support of this program. As observed in the study by the Assistant for Approve that reson se 2004 at 100 : In represent (SEROS) 1 Coto 1 of grant will

take time and sustained effort.

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Recommendation F - The revised version of Section 5 of the subject report recognizes that the expansion of all existing espabilities for the collection and analysis of telemetry is necessary, and that this expansion should be done by all participating agencies under the cognizance of the Director. MSA. Within CIA the Office of Scientific intelligence has already expended considerable effort in making use of U. S. research and development facilities, especially at for the analysis of ballistic missile telemetry and trajectories. As a further development of this program, a space vehicle assessment contract has just been initiated with the 25X1A . Other such contracts are planned. because the timely and complete coverage of several other high priority areas requires specialized analysis and equipment. including automatic data processing based on U. S. research and development data and technical intercepts. Such analysis cannot be done within OSI without major increase in Office personnel ceilings and additional physical facilities; therefore the Office plans to rely on specialized contracts. OSI promones to expand this program to a steady-state level per year by FY 1966. Thereafter, new needs ot will be met by cutting back or eancelling old more or less complete analyses. This program is expected to include telemetry and other types of technical analysis and to reach 25X1A the following funding levels for FY 1966: ballistic missile and trajectory analysis; \$6.7 million for 25X1A unnanned spacecraft analysis: for air defease and anti-ballistic missile systems analysis: # 25X1A for cruise missile systems analysis; and for anti-25X1A submarine warfare systems analysis. These projects and other 25X1A related external research needs will require a

4. Recommendation 6 - In view of the revision of Section 6 by the BIGIST Committee, it is believed that this recommendation is no longer pertinent as no problem is recognized.

increase in the OSI external research budget, and three to

- 3. Recommendation H Presently existing USIB committees should be adequate for the objectives of this recommendation. Thus, the subject of costs is not pertinent to its implementation.
  - 10. Recommendation I No comment.

six additional professional positions.

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- 11. Recommendation J Any changes of funds and manpower resulting from consultation with DIA will be reported under subject or subjects involved. He increases resulting from such consultation are anticipated at this time.
  - 12. Recommendation & - No comment.
- 13. Recommendation L Improved collection processes and techniques together with an expanded external contract program utilizing the highly technical capabilities of qualified nongovernment laboratories and research and development organizations will greatly enhance the production of actentific and technical intelligence. Thus, without increased expenditure of funds or manpower except as specified above, OSI expects to broaden its support to U. S. research and development organizations such as the

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Signed Herbert Scoville, Jr.

MARKET SCOVILLE, JR. Deputy Director (Romearch)

Executive Director CC 1 DD/I UD/P Comptroller

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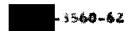
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DDR: :6561:bb (8 Oct 62)

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## PROPOSED

## AGENDA MEETING OF DCI AND SECRETARY OF DEFENSE Friday, 5 October 1962 09 30

- . NAP
  - Satellite
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  - Aircraft
  - Drones
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- 4. Dudget Procedures
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- 4. RB-X. Disclosure
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